



XC 1250		
380/220 V - 60 Hz	Generating Set Model	XC 1250
Power Pf. 0,8	Standby kW	1160
	Prime kW	1050

Standby:Continuous running at variable load for duration of an emergency.No overload is permitted on these ratings.

Prime:Continuous running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period.Contact us for the other running periods.

DESIGN SPECIFICATIONS

- High quality, reliable and complete power unit
- Compact design
- Easy start and maintenance possibility
- Every generating set is subjected to a comprehensive test programme which includes full load testing and checking and providing of all control and safety shut down functions testing
- Full engineered with a wide range of options and a accessories: Enclosure or soundproof container and mobile units

STANDARD GENSET SPECIFICATIONS

ENGINE:

- **CUMMINS** heavy duty diesel engine
- Four cycle, water cooled, turbo charged and after cooled
- Electronic Governor Control System
- Direct injection fuel system
- Replaceable wet type cylinder liners
- 4 valves per cylinder
- 24 V D.C. starter and charge alternator
- Replaceable fuel filters , oil filters and dry element air filters
- Cooling radiator and fan
- Starter battery(with lead acid) including Rack and Cables
- Flexible fuel connection hoses and manual oil sump drain pump
- Industrial capacity exhaust silencer and steel bellows
- Jacket water heater (at automatic models)
- Operation manuals and circuit diagram documents

ALTERNATOR:

- Brushless,single bearing system,4 poles
- Insulation class H
- Standard degree of protection IP21 or IP23
- Self-exciting and self-regulating
- Solid state Automatic Voltage Regulator
- Impregnation with tropicalized epoxy varnish
- Stator windings with 2/3 pitch

QUALITY STANDARDS:

- 12 months warranty from commissioning date as standard. The equipment meets the following standards: ISO 3046, VDE 0530, BS 4999, BS 5000, EN 60034-I, IEC 34. The generating set is manufactured by a full accredited NQA-ISO 9001.

WARRANTY:

- 12 months warranty from commissioning date as standard.

CONTROL SYSTEM:

- Control supervision and protection panel is mounted on the genset base frame. The control panel is equipped as follows:
- **1-Auto Start Control System P 2020**
- **Equipments:**
- Control with DSE 5510 AMF Module 2-1 Alternator Circuit Breaker (Manual Model)

TECHNICAL DATA

Diesel Generating Sets 380/220 V - 60 Hz

G R O U P	MODEL			50					
	Power Pf. 0,8			1450					
				1160					
				1320					
			1056						
D I E S E L E N G I N E	Engine Make								
	Model			Cummins-KTA 50 G3					
	Gross engine power output at rated rpm		hp						
	Aspiration and Cooling								
	Cylinders Capacity		Lt	50,3					
	Cylinders and Build			16- 60°V					
	Engine Speed		rpm	1800 rpm					
	Bore and Stroke		mmxmm						
	Compression Ratio								
	Governor								
Fuel Consumption		Load L/hr	<table border="1"> <tr> <td></td> <td></td> <td>Full</td> </tr> <tr> <td></td> <td>210</td> <td></td> </tr> </table>			Full		210	
		Full							
	210								

Fuel Tank Capacity	Lt	2000
Oil Capacity	Lt	
Water Capacity	Lt	
Air Intake - Engine	m ³ /min	
Exhaust Gas Flow	m ³ /min	
Alternator Voltage Regulation		

OPEN TYPES		
Dimensions (length x width x height)	In.	194x84x89
Dry weight	Lb.	23153